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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known

Application Number	Unknown 10/824,123
Filing Date	Herewith
First Named Inventor	Han
Art Unit	Unknown
Examiner Name	Unknown
Attorney Docket Number	003330 USA PO1/ETCH/METAL/JB

Sheet 1 of 3

U. S. PATENT DOCUMENTS

Examiner Initials ¹	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
ML		US- 4244743	01/13/1981	Blackburn et al.	
ML		US- 4433004	02/21/1984	Toshio et al.	
ML		US- 4743493	05/10/1988	Siohansi et al.	
ML		US- 4897315	1/30/1990	Gupta	
ML		US- 4910092	03/20/1990	Olson et al.	
ML		US- 4933239	06/12/1990	Olson et al.	
ML		US- 4939308	07/03/1990	Maxfield et al.	
ML		US- 4973445	11/27/1990	Singheiser et al.	
ML		US- 5244875	09/14/1993	Hauser et al.	
ML		US- 5366585	11/22/1994	Robertson et al.	
ML		US- 5470820	11/28/1995	Hauser et al.	
ML		US- 5498313	03/12/1996	Bailey et al.	
ML		US- 5624632	04/29/1997	Baumann et al.	
ML		US- 5680013	10/21/1997	Dornfet et al.	
ML		US- 5753044	05/19/1998	Hanawa et al.	
ML		US- 5798016	08/25/1998	Oehrlein et al.	
ML		US- 5807613	09/15/1998	Maria et al.	
ML		US- 5824205	10/20/1998	Foster	
ML		US- 5833829	11/10/1998	Foster	

FOREIGN PATENT DOCUMENTS

Examiner Initials ¹	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁴
		Country Code ³ Number ³ Kind Code ³ (if known)				
ML		JP-59205468	11/21/1984	Nat'l Res Inst	Abstract	
ML		JP-62174377	7/31/1987	Mitsubishi Heav	Abstract	
ML		PCT-9814980	04/09/1998	Lam Research		
ML		DE-9421671	08/22/1996	Siemens		✓
ML		EP-0849767-A2	06/24/1998	Applied Materia		
ML		DE-3543802-A1	06/19/1987	BBC AK		

Examiner Signature	<i>LaVella</i>	Date Considered	2/17/06
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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Sheet 2 of 3

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First Named Inventor	Han
Art Unit	Unknown
Examiner Name	Unknown
Attorney Docket Number	003330 USA P01/ETCHMETAL/JB

U. S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

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Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	P ^o
		Country Code ² Number ³ Kind Code ⁴ (if known)	MM-DD-YYYY			
ML		JP-2000-096176	04/04/2000	Sumitomo	Abstract	
ML		EP-0997546-A1	05/03/2000	Sumitomo		
ML		JP-04333573	11/20/1992	Canon Inc.	Abstract	
ML		JP-2000-164572	06/16/2000	Kyocera Corp	Abstract	
ML		JP-11029378-A2	02-02-1999	Chichibu Onodo	Abstract	
ML		JP-10067554	03/10/1998	Kyocera Corp	Abstract	

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Art Unit	Unknown	
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Sheet	3	of 3

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
ML		An article titled, "The evolution of DRAM cell technology," Solid State Technology 89-101 (May 1997), El-kareh et al.	
ML		PCT Communication dated 11/25/1999, European Patent Office, P.B. 5818 Patentlaan, NL-2280 HV Rijwik	
ML		Hart, Anthony C. "Alloy plating problem cracked" Nickel Magazine, June 1998	
ML		Praxair, Tribomet MCrAlY Coatings, Praxair Surface Technologies, Ltd, 2002, Available at http://www.praxair.com/praxair.nsf/d63afe71c771b0d785256519006c5eal/cccb361d6209c12b/\$ (no month)	

Examiner Signature	<i>LoNilla</i>	Date Considered	2/17/06
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¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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